

ASHWATH P

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EDUCATION

SRM Institute of Science and Technology

B.Tech – CSE (AI & ML)

CGPA: 9.35/10

Chennai

Sep 2022 – Jun 2026

EXPERIENCE

Tech Intern — Nokia Solutions and Networks Chennai

Oct 2025 – Present

- Improved automated vision inspection accuracy by **15–20%**.
- Performed large-scale data analysis improving decisions by **30%**.
- Built trainee-management platform reducing latency by **40%**.

PROJECTS

Real-Time Face Anti-Spoofing System

TensorFlow, MiniFASNet, Fourier Features, RetinaFace

- Achieved **98.55% accuracy** with AUC **0.98**.
- Optimized inference latency to **<100 ms**.

Amazon Alexa Sentiment Analysis

Python, NLTK, Pandas, Matplotlib

- Built VADER-based sentiment pipeline.
- Implemented visual dashboards for insights.

SKILLS

Programming: Python, C, SQL, HTML

ML/AI: CNN, LSTM, DL, CV, NLP

Frameworks: TensorFlow, PyTorch, Keras, SKLearn

Libraries: NumPy, Pandas, OpenCV, Matplotlib, Seaborn

Tools: VS Code, Colab, GitHub, REST APIs

Domains: Edge Deployment, Model Optimization

CERTIFICATIONS

- Python Certification
- Neural Networks
- AI Foundations
- Natural Language Processing
- Machine Learning
- Generative AI

RESEARCH WORK & PUBLICATIONS

Diabetic Retinopathy Detection Using ML

IEEE ICRASET 2024

- Achieved **97% accuracy** using CNN + LSTM + transfer learning.

VOLUNTEERING

Data Analyst & Instructor — RBI Staff Quarters School

Jun 2024 – Jul 2024

- Analyzed academic datasets.
- Taught CS, English, Mathematics.